Our Docket No.: **A-72323/DJB/VEJ**	Date: **August 27, 2003**

First Named Inventor: **Purnendu K. DASGUPTA** *et al.*

Title: **DENUDER ASSEMBLY FOR COLLECTION AND REMOVAL OF SOLUBLE ATMOSPHERIC GASES**

UTILITY PATENT APPLICATION TRANSMITTAL

"Express Mail" Mailing Label No.: **EV 298965775 US**

Date of deposit: **August 27, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed name: **Victor E. Johnson**

Signed: _____

ADDRESS TO: **Mail Stop PATENT APPLICATION**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTS

1. ☒ Fee Transmittal (e.g., PTO/SB/17)
   (Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
3. ☒ Specification: Total Pages: **34**
   - ☒ Descriptive title of the invention
   - ☐ Cross References to Related Applications
   - ☐ Statement Regarding Fed. Sponsored R&D
   - ☐ Reference to sequence listing, a table, or a computer program listing Appendix
   - ☒ Background of the Invention
   - ☒ Brief Summary of the Invention
   - ☒ Brief Description of the Drawings
   - ☒ Detailed Description
   - ☒ Claims
   - ☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 6 (FIGS. 1-14)
5. ☐ Oath or Declaration   Total Pages:
   - a. ☐ Newly Executed (original or copy)
   - b. ☐ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
     - i. ☐ **DELETION OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application (see 37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☐ Application Data Sheet (37 C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(If applicable, all necessary)*
   - a. ☐ Computer Readable Form (CRF)
   - b. ☐ Specification Sequence Listing on:
     - i. ☐ CD-ROM or CD-R (2 copies); or
     - ii. ☐ paper
   - c. ☐ Statement verifying identify of above copies
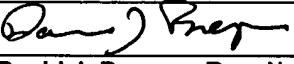
ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (with Copies of Citations as necessary)
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority document(s) *(If foreign priority is claimed)*
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: Check No. 300404 in the amount of $930.00.

18. **If a CONTINUING APPLICATION,** *check appropriate box and supply the requisite information:*

☐ Continuation   ☐ Division   ☐ Continuation-in-part (CIP) of prior Application No.:

For continuation or divisional applications: **The entire disclosure of the prior application, from which a copy of the oath r declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.**

CORRESPONDENCE ADDRESS

SIGNATURE:		DATE: **August 27, 2003**
ATTY NAME	David J. Brezner, Reg. No. 24,774	
ADDRESS	**DORSEY & WHITNEY LLP** **Four Embarcadero Center** **Suite 3400** **San Francisc , CA 94111-4187**	CUSTOMER NUMBER: **32940**
TELEPHONE	(415) 781-1989	
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(Client Matter No. 465377-01089)   (1118614)

Substitute PTO/SB/17 (01-03)
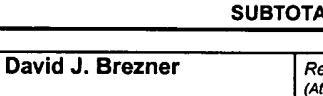
FEE TRANSMITTAL
for FY 2003
Effective 01/01/2003. Patent fees are subject to annual revision.

	Compl te if Known
Application Number	To b assigned
Filing Date	H r with
First Named Inventor	Purnendu K. DASGUPTA et al.
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket No.	A-72323/DJB/VEJ

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 930.00

METHOD OF PAYMENT *(check all that apply)*

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: **50-2319**

Deposit Account Name: **DORSEY & WHITNEY LLP**

The Commissioner is authorized to: *(check all that apply)*

☐ Charge fee(s) indicated below

☒ Credit any overpayments

☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17

☐ Charge fee(s) indicated below, *except for the filing fee*
to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)   ($) 750.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims	30	- 20** =	10	x 18	=	180.00
Independent Claims	2	- 3** =	0	x 84	=	0
Multiple Dependent					=	

Large Entity		Small Entity		
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**or number previously paid, if greater; For Reissues, see above

SUBTOTAL (2)   ($) 180.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) :

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)   ($)

SUBMITTED BY

(Complete (if applicable)

Name (Print/Type): **David J. Brezner**	Registration No.: **24,774** (Attorney/Agent)	Telephone: **(415) 781-1989** Facsimile: **(415) 398-3249**

Signature:

Date: **August 27, 2003**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SEND TO: Commissioner for Patents, Washington, DC 20231.

(Client Matter No. 465377-01089)

(1118614)